

ENGINEERING CLASSROOM RESEARCH BUILDING HUB OUTREACH EVENT OCTOBER 9, 2023





PROJECT DETAILS







TEXAS A&M UNIVERSITY GALVESTON CAMPUS.

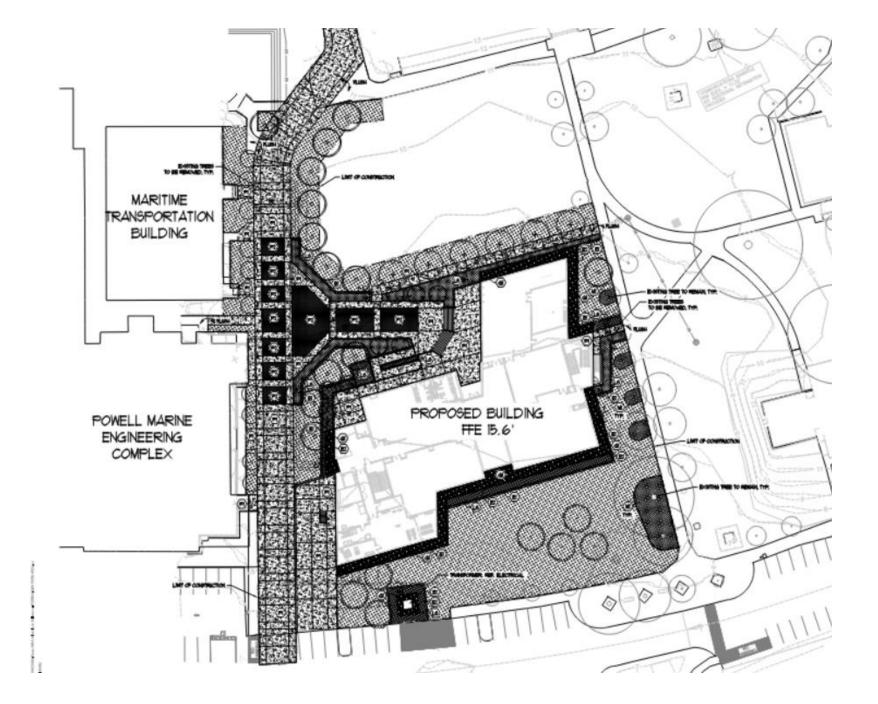
PROJECT DESCRIPTION

Turner Construction was selected as the CM-at-Risk for the Texas A&M Galveston Engineering Classroom and Research Building located at the Texas A&M's Galveston Campus on Pelican Island.

The project includes:

- New construction of a 53,000 GSF three-story concrete structure with associated crawl space
- Building includes a maker space, classrooms, wet & dry labs, and office spaces.





SITE SPECIFIC CONSIDERATIONS

-Relocation of Existing Utilities

-Deep foundation system (auger cast files)

- Building is approx. 8' above existing grade

-Limited on-site parking

*Access to Pelican Island 80,000 lb capacity bridge

PROJECT RENDERINGS







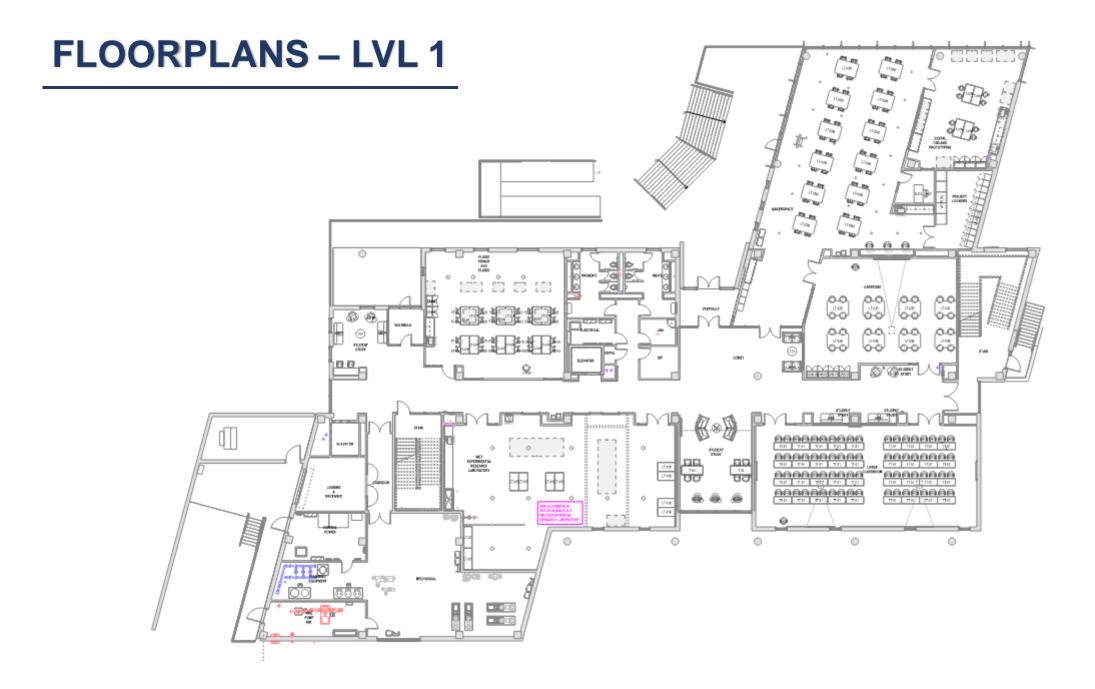
PROJECT RENDERINGS

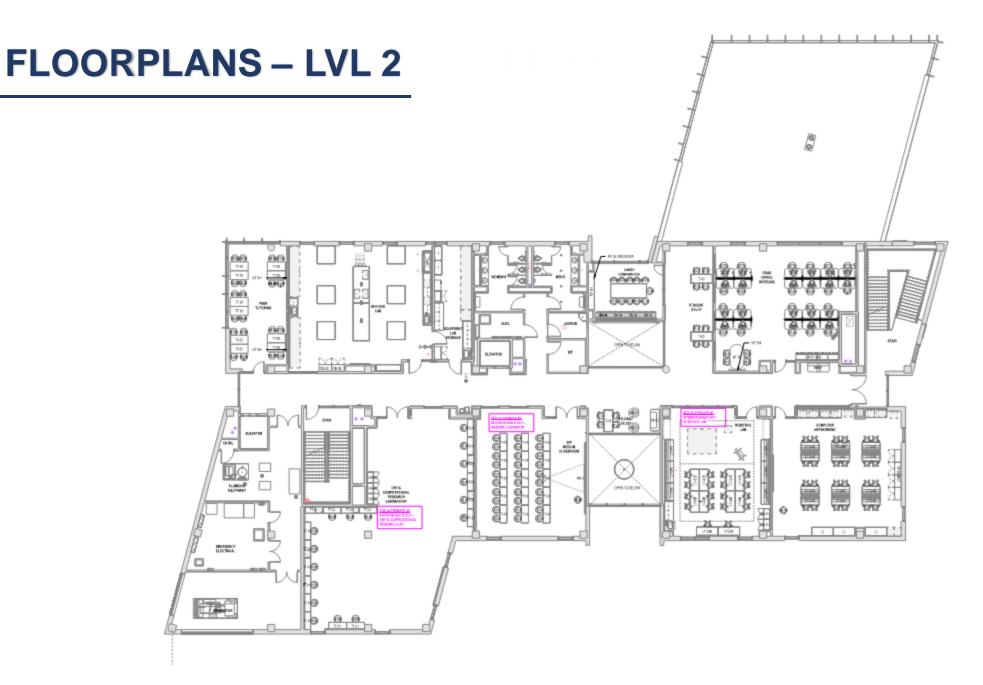




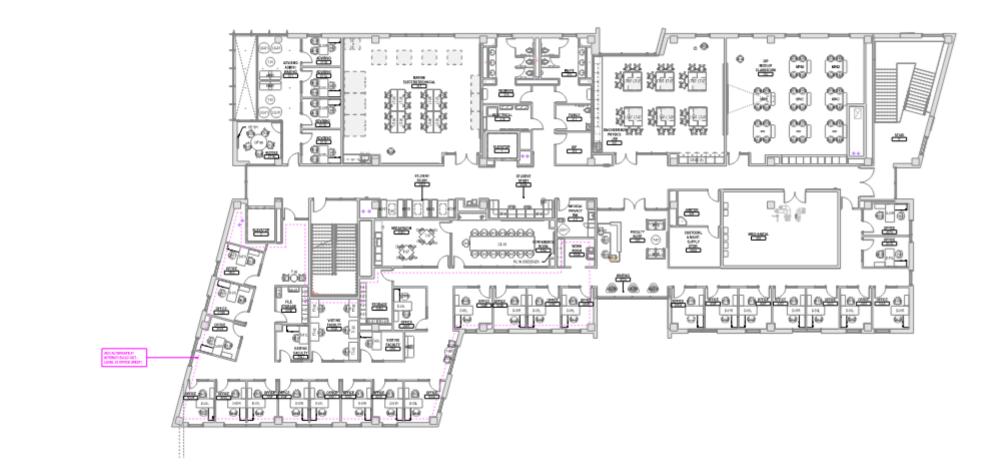








FLOORPLANS – LVL



BID PACKAGES







TEXAS A&M UNIVERSITY GALVESTON CAMPUS.

Trade	Description					
Site Logistics	Construction site preparation					
Surveying	Auger cast pile layoutBuilding layout					
Site Demolition	 Removal of existing site utilities Paving demolition 					
Auger Cast Piles	 Auger cast piles (Will require barging of drill) 					
Structural Concrete	 Auger cast piles rebar Pile caps Grade beams Building concrete (beams, slabs, columns, etc) Structural plaza MEP Equipment pads 					
Site Concrete	 Sidewalks Paving Curbs 					
Masonry	 Exterior masonry veneer Stainless steel masonry ties Exterior CMU block Interior CMU block 					

Trade	Description
Metal Fabrications	 Fabrication and erection (can be separated) Façade steel elements (angles, embeds, etc.) Elevator steel Misc. metals
Decorative Metal	 Stainless steel handrails/guardrails Glass handrails
Structural Steel	 Fabrication and erection (can be separated) Metal decking and joists Crane steel tolerances required at crane runway beams
Rough Carpentry	Blocking
Architectural Woodwork	 Casework (stone tops can be separated) Countertops Wood paneling (ceilings/walls)
Waterproofing	 Site sealants Façade sealants Stainless steel flashing Elevator pit waterproofing Water and air barrier

Trade	Description						
Spray Insulation	Crawl space spray foam insulation						
Metal Wall Panel	 Metal panels Metal panel infill Timber panels *Engineering required to meet design loads PLI - \$3M/\$3M with 5-year tail 						
Roofing	 Modified Bitumen PVC Roofing Alternate 						
Doors, Frames, and Hardware	 Furnishing doors, frames, and hardware Optional: installation 						
Overhead Coiling Door	Motorized overhead coiling door						
Aluminum Storefront & Curtainwall	 Impact-resistant curtainwall Impact-resistant exterior storefront Interior glazing <i>*Engineering required to meet design loads PLI - \$3M/\$3M with 5-year tail</i> 						

Trade	Description
Drywall & Framing	 Exterior Framing Interior framing Drywall (Tape & Float) Gyp ceilings Doors, frames, and hardware installation *Engineering required to meet design loads PLI - \$3M/\$3M with 5-year tail
Tile & Stone	 Floor tile Wall Tile Backsplash
Acoustical Ceilings	 Acoustical ceiling tile Acoustical wall treatments
Terrazzo Flooring	Terrazzo flooring with associated cove base
Resinous Flooring	 Sealed concrete Add alternate: epoxy flooring
Resilient Flooring & Carpet	LVTCarpet

Trade	Description					
Painting	 Painting of: Handrails Walls Gyp Ceiling Exposed ceilings Optional: sealed concrete 					
Signage	 Room signage Branding by TAMU 					
Specialties	 Toilet Partitions and accessories Fire Extinguisher Cabinets Corner guards 					
Residential Appliances	Breakroom appliances (refrigerator, microwave, etc.)					
Lab Casework & Equipment	 Lab Casework with Epoxy tops Fume hoods 					
Window treatments	Manual shade					
Elevators	Passenger elevatorFreight elevator					

Trade	Description
Fire Protection	Wet sprinkler system
Plumbing	Plumbing fixturesPiping
Plumbing Equipment	 RO Booster Pump Air Compressor
HVAC & Controls	 HVAC fixtures Ductwork Controls
HVAC Equipment	Furnish AHUFurnish Exhaust Fan
Electrical	 Conduit installation Wire pulling Fixture installation
Electrical Equipment	 Furnish Panelboards Furnish Generator
Light Fixtures	Furnish light fixtures

Trade	Description						
Structured Data Cabling	Low voltage wiringFiber						
Security	Access controlSurveillance						
Fire Alarm	Fire alarm systems and associated fixtures						
Earthwork	Rough gradingHaul-off						
Striping	Fire lane striping						
Landscape & Irrigation	 Site trees Site plants Irrigation System Gravel band 						
Site Utilities	Sanitary, Domestic Water, Storm, Gas						
Thermal Piping	Hot Water and Chilled Water Underground Piping						
Site Electrical	 Electrical Ductbank Telecom Ductbank (pathways only) 						

PRE-QUALIFICATION







TEXAS A&M UNIVERSITY GALVESTON CAMPUS.



Look Out for Upcoming Opportunities on our Social Media Platforms

JANUARY 26 10:00 AM Virtual Outreach & Prequalification Event Axiom Space Headquarters Phase 1



Turner was selected as the CM-at-Risk for the new Axiom Space Headquarters located at the Spaceport at Ellington Airfield. The project will include a 50,000 sq. ft highly technical manufacturing, assembly, integration and testing facility along with various support spaces. It also will include construction of an aircraft hangar and aprior connecting the site to the taxiways.

Turner is currently soliciting for the following packages: Concrete Turnkey, Foundation Drilling, Masomy, Structural Steel, Structural Steel Erection, Rooting, Metal Panels, Glass & Glazing, MEP Equipment, Earthwork, Site Utilities, SWPPP

Important Dates to Remember

Bid Questions Due: 01/31/22 at 12PM
 Bid Date: 02/09/22 at 2PM

Na Bulor generation in al Juan Romero (increas@uco.com



Andrew Reno, Community & Citizenship Mgr. areno@tcco.com

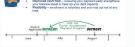
> Chris Compton, Procurement Manager ccompton@tcco.com

Trevon Heath, Procurement Agent theath@tcco.com

Chandra Miller, Procurement Agent cemiller@tcco.com **B** Prequalify

To get Prequalified, visit www.turnerconstruction.com, click on "Become a Subcontractor at the top, and fill out the required information.





Learn more about the Turner Accelerated Payment Program at: http://www.turnerconstituction.com/turner-accelerated payment-program If you have any questions about the Turner Accelerated Payment Program¹⁶⁶, feel free contract Tecking at 866-539-5872.

NEW PREGUALIFICATION APPLICANTS
Before you get started you will need the following information to complete the
application:
'Copy of W-9
'List of company litense numbers
'Use of company litense numbers'



Turner

BUILDING CONNECTED







TEXAS A&M UNIVERSITY GALVESTON CAMPUS

ЭB	uildingConnected 👻	Q Search for people or companies		
9	Projects / TAMUG ECRB - 50			
:	TAMUG ECRB	- 50% DD Budget		
=	Bid Packages Messages	Files Information Bid Forms Team		
	≌ Filter bid packages	Q Find	General Information	
\$ -			Number 2023 BT_006	
=	Bid Packages		Bids Due Sep 21, 2023 at 5:00 PM CDT Location 200 Seawolf Parkway, Galveston, TX 77554, United States of America Map »	
R	Lead Number	↑ Name	Currency USD (\$) Budgeting This project is for budget pricing.	
			Expected Start Mar 15, 2024	
÷	СН 02.0	Site Demolition	Expected Finish Nov 11, 2024 Description 50,000 SF 3-story new build engineering building for Texas A&M Galveston located on F	elican Island. Building will house classrooms, labs, offices, and a maker space.
J	CH 03.0	Concrete	Note: Bridge entering onto island has an 80,000 lb capacity.	
			Construction schedule: March 2024 - November 2025.	
Ш	CB 04.0	Masonry	There are currently no on-site parking provisions. Please be sure to include off-site park	ing considerations.
	TS 05.00	Metal Fabrications	HUB goal: 30%	
	СН 05.01	Decorative Metals		
	CB 06.01	Millwork		
	CH 07.0	Waterproofing		
	CH 07.1	Spray Foam Insulation		
	СН 07.2	Roofing		
	CB 07.4	Metal Panel		

GENERAL SCOPE INCLUSIONS







TEXAS A&M UNIVERSITY GALVESTON CAMPUS

Safety as a Culture

Building L.I.F.E.

Living Injury Free Everyday





SAFETY is a **Top Priority**

COVID-19 Compliance & Prevention

Hardhats Required Ladde

Daily Sign-Ins

Sype II

All in Together

Badging Required



Bidders Shall Meet or Exceed Our Goal, or Provide Good Faith Effort

Project Goal of 26% HUB

Turner



QUALITY Starts with You

Understand Specifications



D

PLAN

PROJECT SCHEDULE

To ensure project success, we ask our trade partners to consider the following pertaining to the project schedule:

- Review, understand, and provide input to the project schedule for potential time savings opportunities
- Includes necessary provisions, as needed, to meet the schedule provided
- Notify Turner personnel of any conflicts

Construction Schedule: Mobilization: March 2024 Earthwork: End of March 2024 Site Utilities: End of March 2024 Foundations: April 2024 Enclosures: February 2025 Substantial Completion: Nov 2025

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	Mobilization	0	0 11-Min-24			Mobilizition		
	Topping Out	0	0	14-Jan 25			 Topping Out 	
ISC#11040	Parmanan) Power	0	0	18-Mar-25			Parmarani Powar	
BOR-1030	Building Dry-In	0	0	21-Apr-25			 Building Dry-in 	
CON-1030	Substantial Completion	0	0	11-Nzv-25*			🔶 Sebu	antial Completion
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	SD Meeting #2 - Massing, Develop Floor Plans, & Select Material Option	2	2 30-Jun-23*	03-1423	SO Meeting #2 - Massion Dr.	velop Floor Plans, & Select Material Options		
	SD Meeting #3 - Design/Floor Refinement/Definition	2	2 30-Jan-23*	03-14-23	SDMeeting A1 - Design/Floo	Refnervert/Deloiten		
	SD Review Meating	1	1 14-34-23	14-34-23	1 SD Roview Moding			
	DD Meeting #1		5 07-Aup-23*	11-Aug-23	CD Meeting #1			
	00 Masting #1	-	5 28-Aug-23*	01-Sep-23	BD Meeting #2			
	DD Meeting #3		5 02-Oat-23*	06-04-23	DD Meeting			
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	55% SD Budget Neomoliation	10	10 27-34-23	05-Aug-23	SD Budget Reco	ndiulion		
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	Procurement of CD Package 02 (Interiors)	30	30 20-May-24	01-3.4-24		Proceedings of CD Pathage 0	\$ £95'\$%	
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CON41090	Demo Existing Utilities Sidewalks	15	15 01-Apr-24	19-Apr 24		Demo Existing Utilities/Sidewalks		
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DON-1850	Instal New Electrical Ductorsk	20	20 03-Apr-24	03-Mire-24		Install New Electrical Ducthank		
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	ing Level of Effort Adual Work 4			17-Jul-23		TAMU ECRB Schedul	07.17.2023	

Other Scope Inclusions	Comments
Parking	On-site parking will be by subcontractor
Badging	 Proper badging is required Responsible for escorting your own team and deliveries 10-Panel Drug Screen will be required Daily scan ins
Layout	• Each trade responsible for the layout of their scope of work from a base point
BIM Participation	 BIM participation is a requirement (please reference the project's BIM execution plan for details)
Insurance	 ROCIP Project All trade partners must enroll in the ROCIP program unless indicated as excluded in the ROCIP Manual

BID PROPOSAL SUBMISSION







TEXAS A&M UNIVERSITY GALVESTON CAMPUS

NEXT BID DATE (95% DD)

Drawings Issued: October 27, 2023 Bids Due: November 28, 2023

Requirements

Bid Form with APs Qualification Forms Review Form 36 Best Value

Extra Recognition

Safety Program

HUB Participation

Schedule Review

Logistics Approach

Technical Experience

REGISTER Now and Receive Your Invitation Via **Building Connected** Cynthia Hua, Preconstruction Lead chua@tcco.com